

B3 cryopreservation compartment, and the body comprising a cryogenically stable material that is compatible with biopharmaceutical products.

REMARKS

Claims 1-40 were originally presented in the parent application. Claims 41-50 were added in a Preliminary Amendment dated March 7, 2002. Claims 41, 43 and 44 were amended, and claims 51-54 were added herein to more particularly point out and distinctly claim the subject invention. Therefore, claims 1-54 remain in this case.

Support for the amendment to claims 41, 43 and 44 can be found in the claims as filed, and support for new claims 51-54 can be found in claims 1, 13, 27 and 45 as filed together with the drawings, for example, and, therefore, no new matter has been added.

Applicant respectfully requests substantive examination of claims 1-54.

Attached hereto is a marked up version of the changes made to the claims by the current amendment. The attached pages are captioned "Version with Markings to Show Changes Made."

CONCLUSION

If a telephone conference would be of assistance in advancing prosecution of the subject application, Applicant's undersigned attorney invites the Examiner to telephone him at the number provided.



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Version with Markings to Show Changes Made

Please amend claims 41, 43 and 44 as follows:

41. (Amended) The biopharmaceutical product cryopreservation system of claim 1, wherein the at least one nucleating structure comprises a plurality of nucleating structures ~~first nucleating structure coupled to the proximal end of the body and a second nucleating structure coupled to the distal end of the body.~~

43. (Amended) The method of claim 14, wherein the biopharmaceutical product cryopreservation vial is located within the cryopreservation compartment such that a long axis of the oblong cross-section is oriented at an angle to a freezing front defined by freezing of the cryopreservation fluid within the cryopreservation compartment ~~the freezing within the biopharmaceutical product cryopreservation vial moves in a direction away from the at least one nucleating structure and toward the body.~~

44. (Amended) The biopharmaceutical product cryopreservation vial of claim 30, wherein the at least one nucleating structure comprises a plurality of nucleating structures ~~first nucleating structure coupled to the proximal end of the body and a second nucleating structure coupled to the distal end of the body.~~